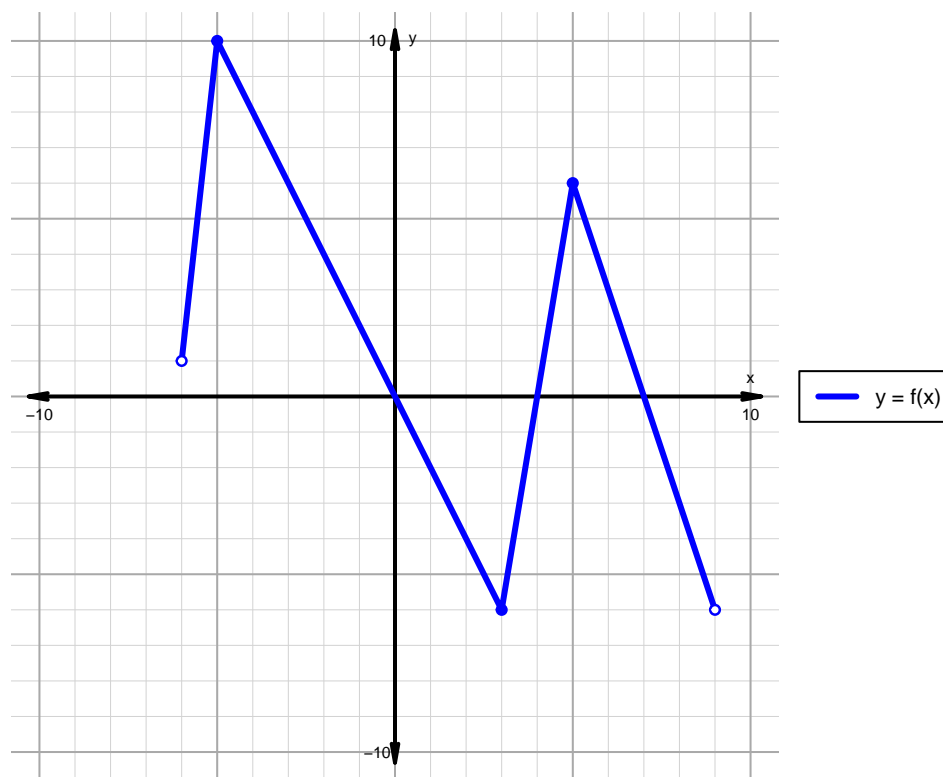# Function-Feature Intervals (version 8)
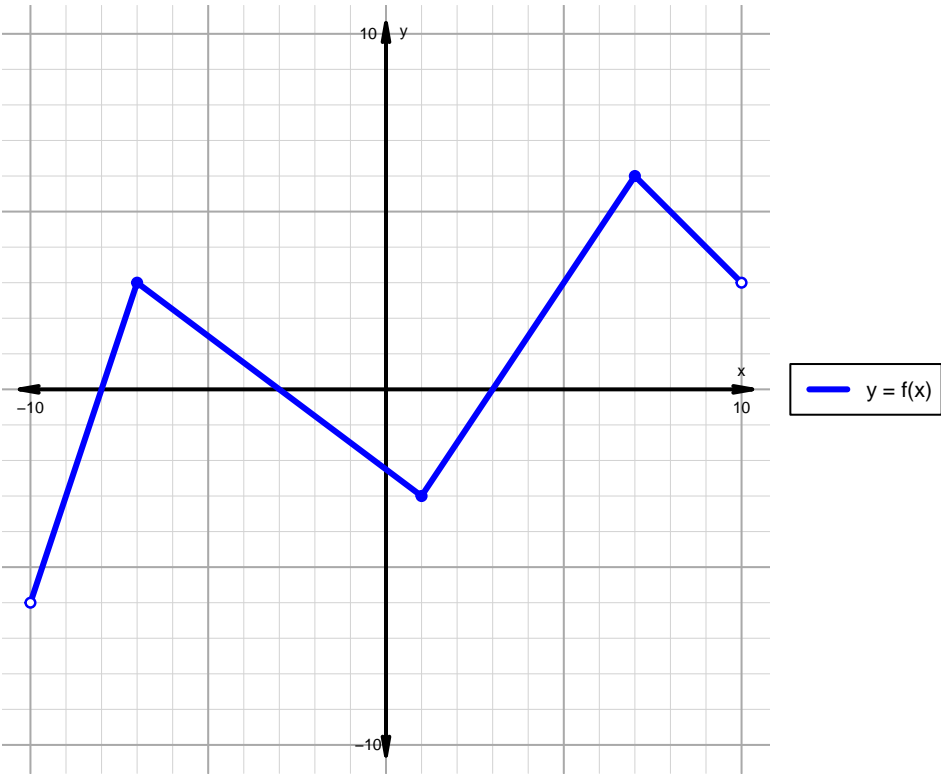
1. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-6, 0) \cup (4, 7)$
Negative	$(0, 4) \cup (7, 9)$
Increasing	$(-6, -5) \cup (3, 5)$
Decreasing	$(-5, 3) \cup (5, 9)$
Domain	$(-6, 9)$
Range	$(-6, 10)$

Function-Feature Intervals (version 8)

2. The function f is graphed below.

Indicate the following intervals using interval notation. Remember, you can use $\cup$ between two intervals to indicate the union. Except for range, all intervals will indicate x values; this is standard.

Feature	Where
Positive	$(-8, -3) \cup (3, 10)$
Negative	$(-10, -8) \cup (-3, 3)$
Increasing	$(-10, -7) \cup (1, 7)$
Decreasing	$(-7, 1) \cup (7, 10)$
Domain	$(-10, 10)$
Range	$(-6, 6)$